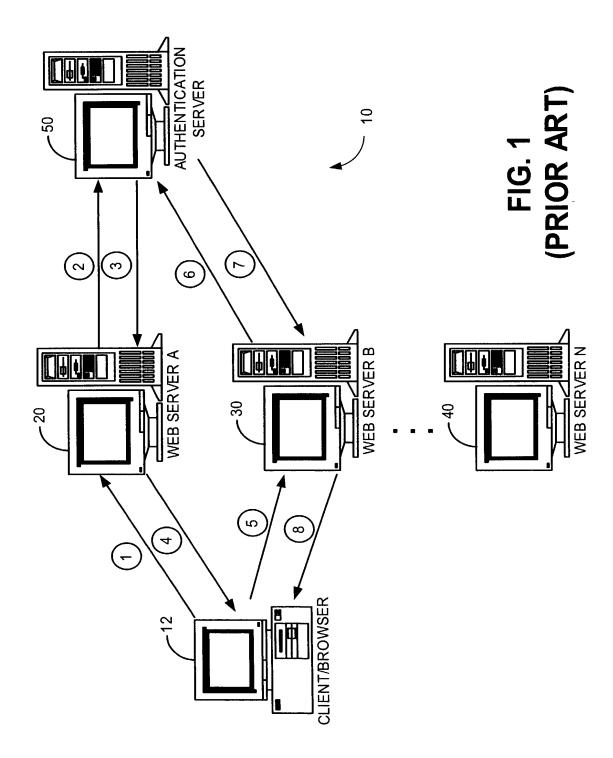
Title: System and Method for Authenticating Sessions and Other Transactions Inventor: Ted Johnson; Page 1 of 8



Title: System and Method for Authenticating Sessions and Other Transactions

Inventor: Ted Johnson; Page 2 of 8

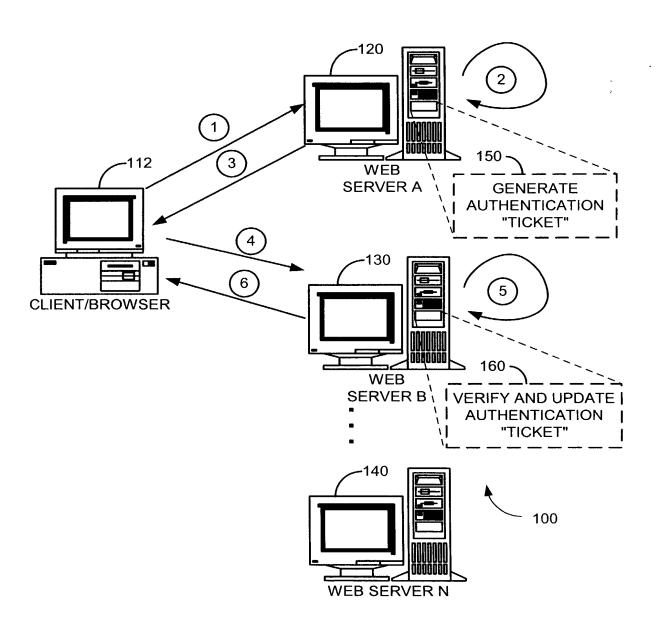


FIG. 2

START - 210 RECEIVE USER ID 215 COMPUTE MESSAGE DIGEST OF USER ID **END** - 220 - 250 **COMPUTE EXPIRATION** PASS ASCII STRING TO **TIMESTAMP** REMOTE COMPUTER PASS INDEX NUMBER TO 225 REMOTE COMPUTER **SELECT/GENERATE AN** - 245 **INDEX NUMBER CONVERT ENCRYPTED** MESSAGE INTO ASCII - 230 **STRING COMBINE MESSAGE DIGEST AND EXPIRATION** - 240 **TIMESTAMP ENCRYPT CONCATENATED MESSAGE USING** 235 ACCESSED ENCRYPTION **KEY** ACCESS ENTRYPTION KEY **USING INDEX NUMBER**

Title: System and Method for Authenticating

Sessions and Other Transactions Inventor: Ted Johnson; Page 3 of 8

FIG. 3

Title: System and Method for Authenticating Sessions and Other Transactions

Inventor: Ted Johnson; Page 4 of 8

JOHN_DOE_123

FIG. 4A

4-BYTE MESSAGE DIGEST

FIG. 4B

4-BYTE MESSAGE DIGEST

4-BYTE TIMESTAMP

FIG. 4C

4-BYTE MESSAGE DIGEST

4-BYTE TIMESTAMP

INDEX (1-BYTE)

FIG. 4D

ENCRYPTED 8 BYTES

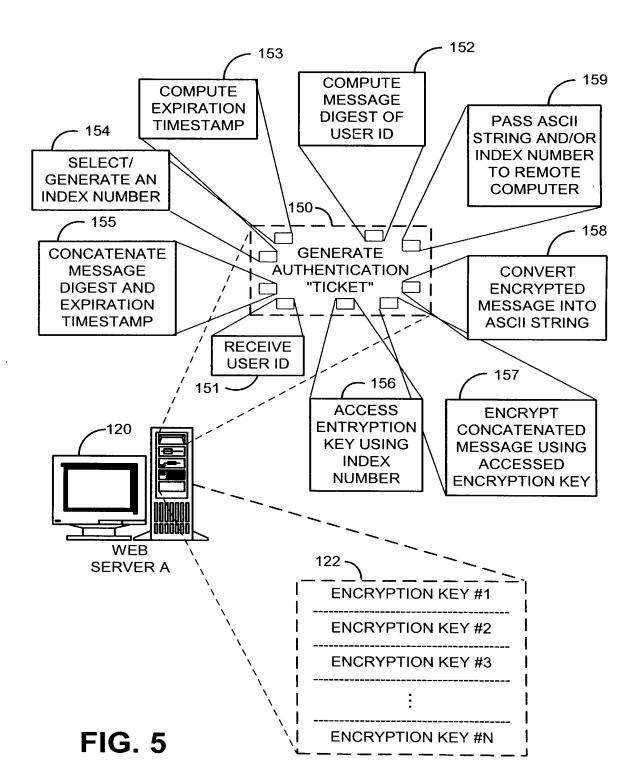
INDEX (1-BYTE)

FIG. 4E

18 ASCII CHARACTERS

FIG. 4F

Title: System and Method for Authenticating Sessions and Other Transactions Inventor: Ted Johnson; Page 5 of 8



Title: System and Method for Authenticating Sessions and Other Transactions Inventor: Ted Johnson; Page 6 of 8

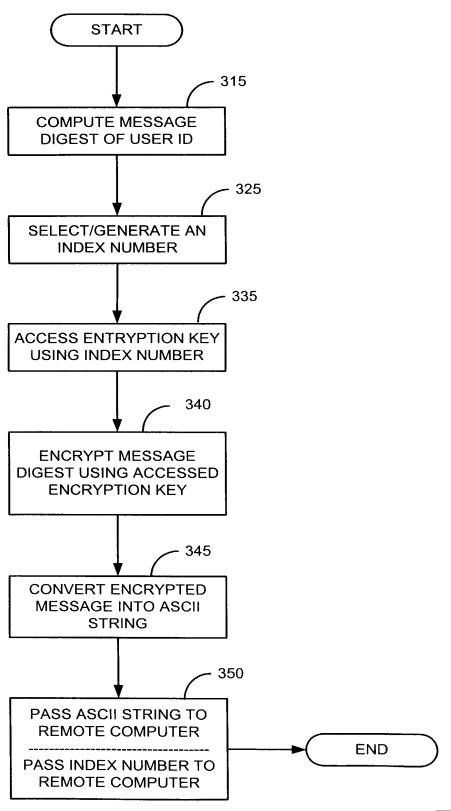


FIG. 6

444

Title: System and Method for Authenticating Sessions and Other Transactions Inventor: Ted Johnson; Page 7 of 8 440 **GREAT** 420 -410 PERFORMANCES USER ROW :01 ID SEAT:25 UUUUUU 000000 ORCHESTRA **MAR.28** heatre 1283A4D8E34AA1274C

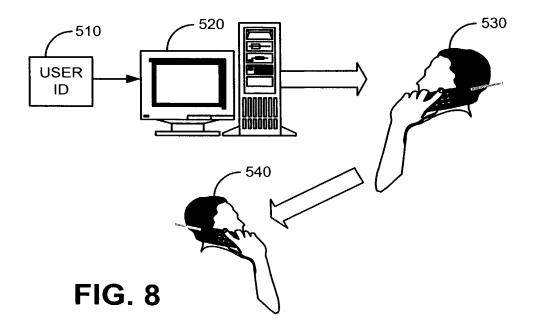


FIG. 7

Title: System and Method for Authenticating Sessions and Other Transactions Inventor. Ted Johnson; Page 8 of 8

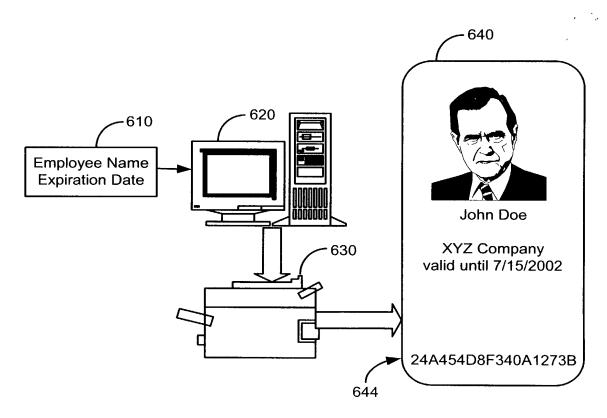


FIG. 9